

## **Decision Analysis I**

In-Class Tasks 10.4.2010

### **Task Goal:**

Perform rank, percentile, and statistical significance procedures for data analysis; develop a pivot table from assessment data

### **Task I**

#### **Procedures:**

- Download the spreadsheet [AssessmentDataStudentLevel.xls](#) from the wiki site
- Perform the following procedures in the preset areas
  - Rank
  - Percentile
  - Calculate statistical significance using the statistical significance calculator
    - Are the improvements statistically significant?

### **Task II**

#### **Procedures:**

- Download the NJ HSPA database from the wiki
- Create a Pivot Table for HSPA Student Achievement in Mathematics using Average Scale Scores by DFG
  - Compare the following subgroups and at least three other subgroups of your choice
    - Total Population
    - Special Education
    - Economically Disadvantaged